

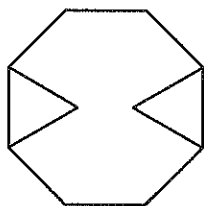
STUDY LINK
10•3

Rotation Symmetry



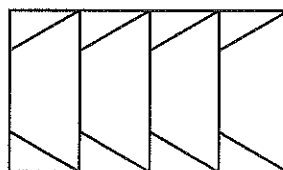
For each figure, draw the line(s) of reflection symmetry, if any.
Then determine the order of rotation symmetry for the figure.

1.



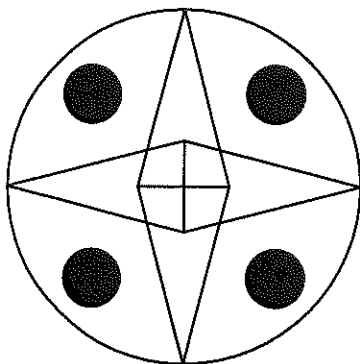
Order of rotation symmetry _____

2.



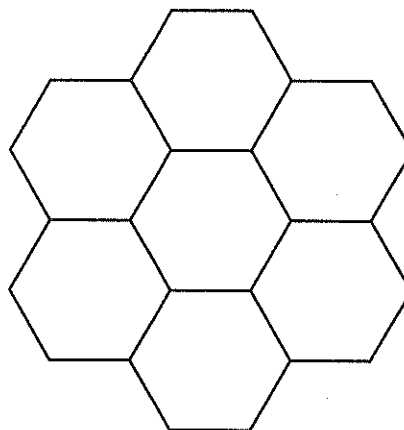
Order of rotation symmetry _____

3.



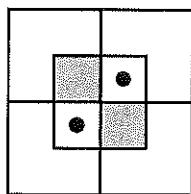
Order of rotation symmetry _____

4.



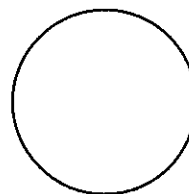
Order of rotation symmetry _____

5.



Order of rotation symmetry _____

6.



Order of rotation symmetry _____

Practice

Tell whether each number is divisible by 2, 3, 5, 6, 9, or 10.

7. 4,140 _____

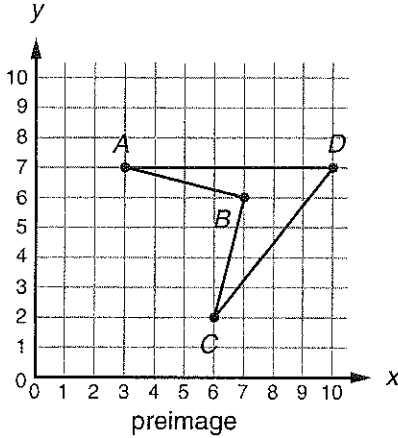
8. 324 _____

STUDY LINK
10•2

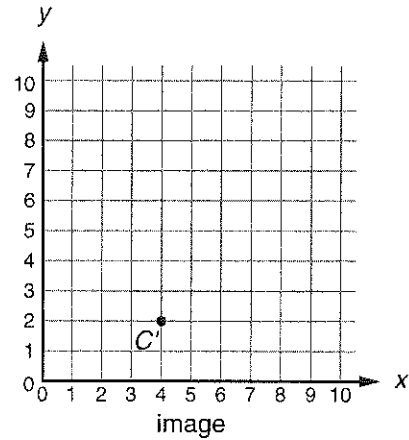
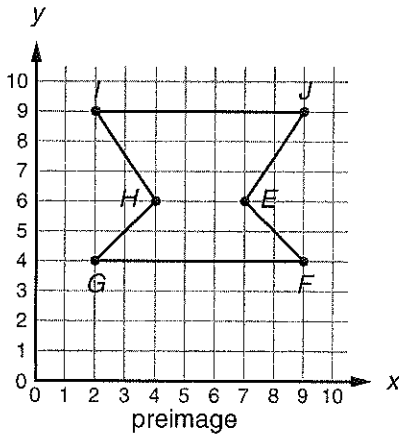
Translations



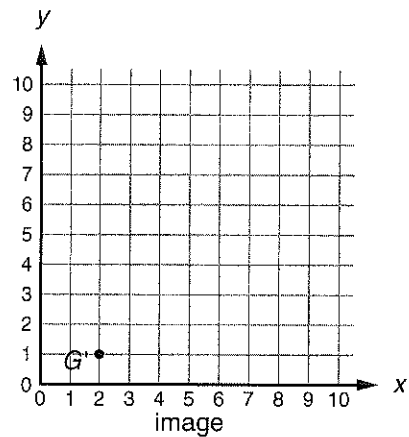
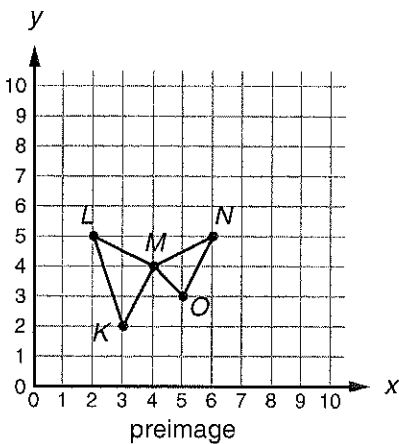
Plot and label the vertices of the image that would result from each translation.
 One vertex of each image has already been plotted and labeled.

1.


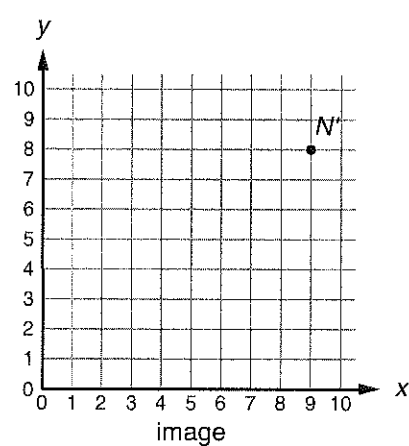
horizontal
translation


2.


vertical
translation


3.


diagonal
translation


Practice

4. $\frac{25.6}{32}$ _____

5. $\frac{102.4}{64}$ _____

6. $\frac{41.83}{4.7}$ _____

7. $\frac{67.32}{13.2}$ _____